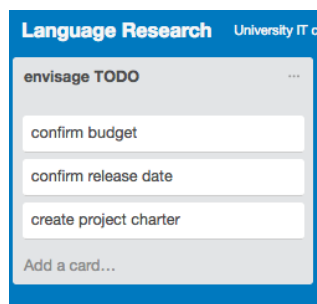**Tutorial Questions**

Consider an Agile Scrum PMP project for the Language Research project, using the following visual boards.
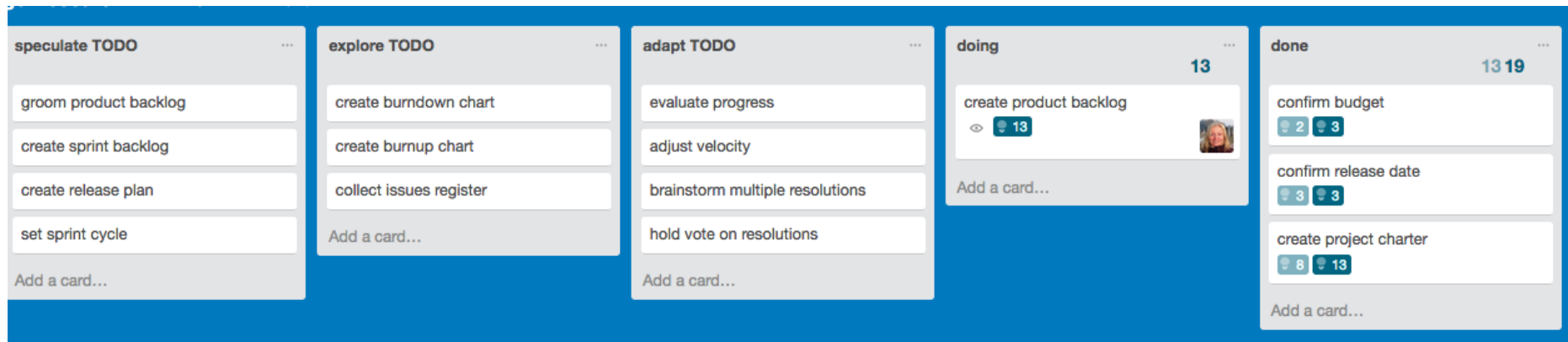

Consider the tasks from the Product Owner and Scrum Master perspective.

1. At the initial PMP phase, the Envision phase, consider the tasks listed on the board below.
   a. Are these tasks Epics or low-level tasks?
   b. Review these tasks and decompose them if required.
   c. Add Story Point estimates for each low-level task.

Consider the following board for the remainder of the PMP.

speculate TODO	explore TODO	adapt TODO	doing	done
			13	13 19
groom product backlog	create burndown chart	evaluate progress	create product backlog	confirm budget
			👁 💧13	💧2 💧3
create sprint backlog	create burnup chart	adjust velocity		confirm release date
create release plan	collect issues register	brainstorm multiple resolutions	Add a card...	💧3 💧3
set sprint cycle	Add a card...	hold vote on resolutions		create project charter
Add a card...		Add a card...		💧8 💧13
				Add a card...

2. Now consider the PMP Speculate phase.
    a. What is the Story Point estimation of the current task?
    b. Who is assigned to the current task?
    c. Notice that the previous Envision tasks are all done.
        i.   What does the first numbers mean on each card in the done swimlane?
        ii. What does the second numbers mean on each card in the done swimlane?

3. Now consider the PMP Explore phase.
    What is the role of the Scrum Master during this phase?

4. Now consider the PMP Adapt phase.
    a. What is the end of Sprint meeting called?
    b. Who is invited to the end of Sprint meeting?

5. What PMP phase is not shown on the board?
    a. What happens at the Release Retrospective meeting?

Optional Questions

1. Create user stories for the Language Research Case study

2. Assign story points to these user stories (total story points should be 80) Justify your allocation of the story points.

3. Given the table below, plot a burndown chart. Once complete, discuss among yourself how would you recognize how the project is progressing based on the burndown chart?

Sprint	Ideal	Actual
0	80	80
1	72	75
2	64	70
3	56	65
4	48	60
5	40	40
6	32	32
7	24	24
8	16	8
9	8	4
10	0	0